KÜPPERSBUSCH HAUSGERÄTE AG
Postfach 10 01 32, D-45801 Gelsenkirchen, Küppersbuschstr. 16, D-45883 Gelsenkirchen
Telefon: (02 09) 4 01-0, Telefax: (02 09) 4 01-3 03
www.kueppersbusch.de

Küppersbusch Ges. m. b. H.
Eitnergasse 13, 1231 Wien, Telefon: 01 / 8 66 80-0, Telefax: 01 / 8 66 80 72
www.kueppersbusch.at · e-Mail: verkauf@kueppersbusch.at

Küppersbusch

ALLERFEINSTE KÜCHENTECHNIK

# Gebrauchs- und Montageanleitung

Instructions for installation and use
Instructions de montage et d'emploi

Wichtig: Unbedingt lesen und aufbewahren!

Important: Read these instructions carefully and then store them in a safe place
Important: Lire attentivement et ranger soigneusemnt ce mode d'emploi

# Integrierte Kühl-Gefriergerät

Integrated Fridge -Freezers
Réfrigérateur - Congélateurs à intégrer

# Modell: IKE 309-5-2T

GB F

**p.: 17-30 31-43**

Küppersbusch

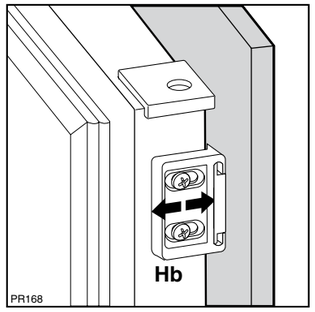
ALLERFEINSTE KÜCHENTECHNIK

2223 335-21

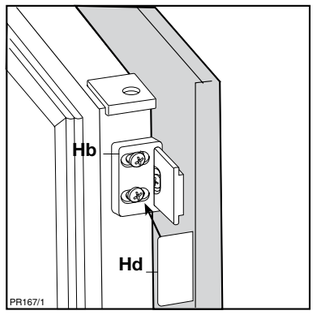
Place the small square on the guide again and fix it with the screws supplied.

Should the lining up of the furniture door be necessary, use the clearance of slots.

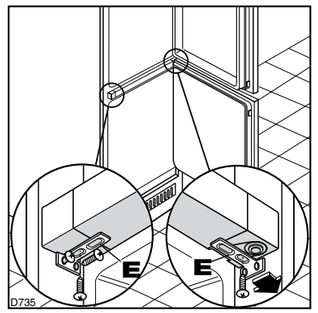
At the end of operations, it is necessary to check if the door of the furniture closes properly.




Fix cover (Hd) on guide (Hb) until it clips into place.



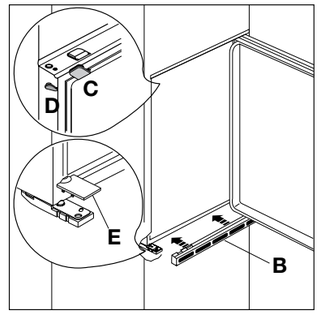

If the appliance is fixed to the side of the kitchen unit, simply slacken the screws in the fixing brackets (E), move the brackets as shown in the figure and re-tighten the screws.



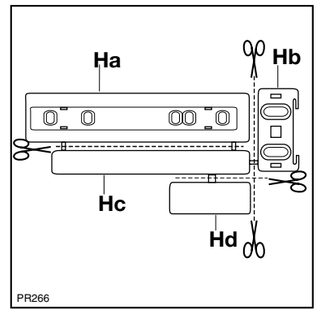



In die Befestigungs- und Scharnierlöcher beiliegende Abdeckkappen (C-D) eindrücken.

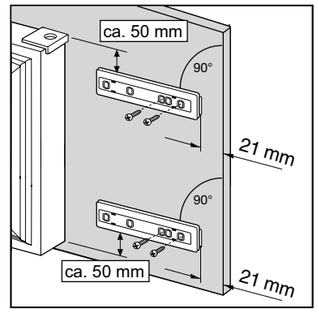
Belüttungsgitter (B) und Scharnierabdeckung (E) aufstecken.



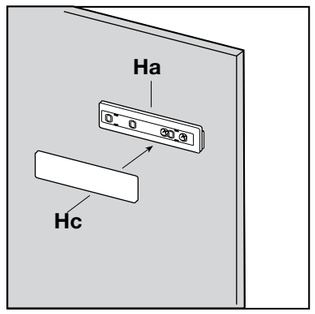

Die Teile Ha, Hb, Hc, Hd abnehmen, wie in der Abb. gezeigt wird.



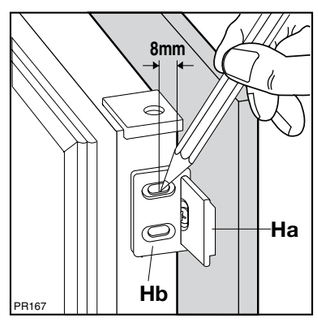

Die Schiene (Ha) auf der Innenseite der Möbeltür oben und unten auflegen (siehe Abb.) und die Position der äußeren Bohrlöcher anzeichnen. Nachdem die Löcher gebohrt wurden, die Schiene mit den mitgelieferten Schrauben befestigen.



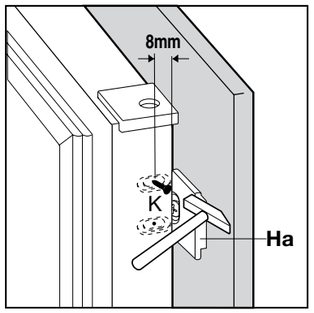

Die Abdeckung (Hc) in die Schiene (Ha) eindrücken, bis sie einrastet.




Gerätetür und Möbeltür auf ca. 90° öffnen. Den Winkel (Hb) in der Schiene (Ha) einsetzen. Gerätetür und Möbeltür zusammenhalten und die Bohrlöcher anzeichnen (siehe Abb.).



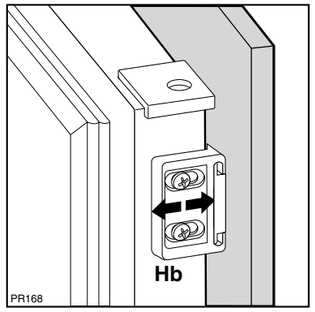
Die Winkeleisen entfernen und 8 mm vom äusseren Rand der Tür mit dem Nagel (K) kennzeichnen.



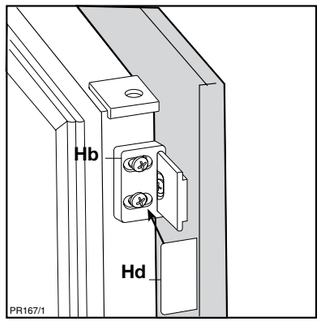

Den Winkel wieder auf der Schiene anbringen und mit den mitgelieferten Schrauben befestigen.

Für eine allfällig notwendige Ausrichtung der Möbeltür, den Spielraum der Langlöcher nutzen.

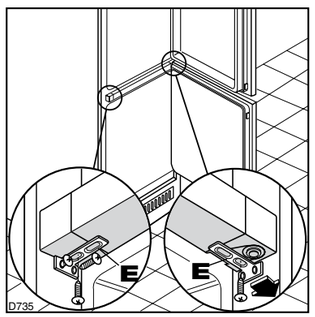
Nach Beendigung der Arbeiten den einwandfreien Verschluß der Gerätetür überprüfen.




Die Abdeckung (Hd) in die Schiene (Hb) eindrücken, bis sie einrastet.

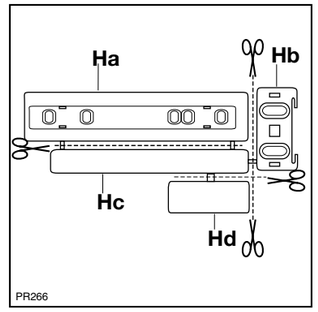



Das Gerät ist mit 2 Winkeln (E) ausgestattet. Diese sind zur seitlichen Befestigung des Gerätes am Möbel zu verwenden.

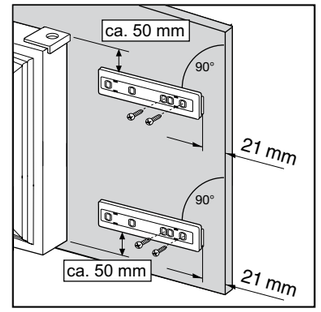




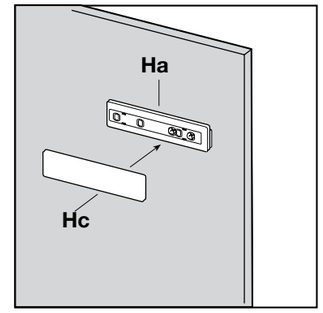

Separate parts Ha, Hb, Hc, Hd as shown in the figure.



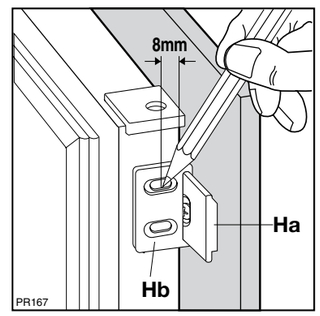

Place guide (Ha) on the inside part of the furniture door, up and down as shown in the figure and mark the position of external holes. After having drilled holes, fix the guide with the screws supplied.



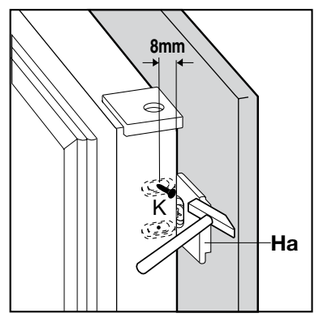

Fix cover (Hc) on guide (Ha) until it clips into place.




Open the appliance door and the furniture door at 90°. Insert the small square (Hb) into guide (Ha). Put together the appliance door and the furniture door and mark the holes as indicated in the figure.



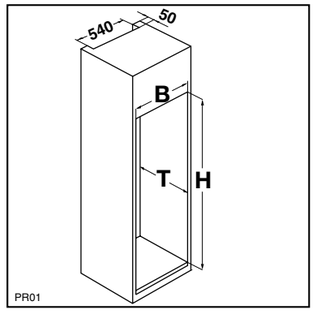

Remove the brackets and mark a distance of 8 mm from the outer edge of the door where the nail must be fitted (K).



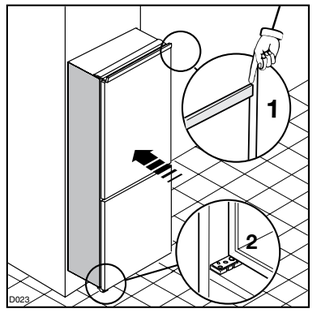
It is necessary that the niche is provided with a conduct of ventilation having the following dimensions:

Depth 50 mm

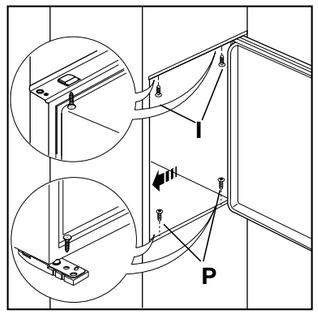
Width 540 mm



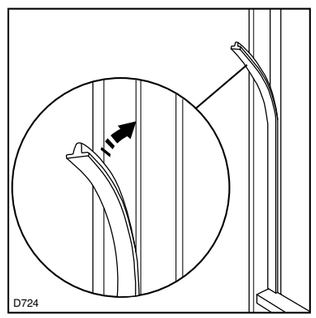

Fit the appliance in the niche by making sure that it stands against the interior surface of the unit on the side where the door hinges of the appliances are fitted. Insert the appliance until the upper strip butts up against the unit (1) and make sure that the lower hinge is in line with the surface of the unit (2).



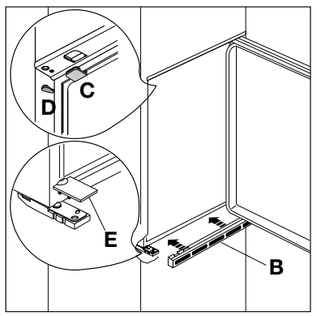

Fasten the appliance with 4 screws provided in the kit included with the appliance. (I = short) (P = long)




Apply the sealing strip pushing it between the refrigerator and the adjacent cabinet.




Apply covers (C-D) on joint cover lugs and into hinge holes.
Snap vent grille (B) and hinge cover (E) into position.






# WARNINGS

**It is most important that this instruction book should be retained with the appliance for future reference. Should the appliance be sold or transferred to another owner, or should you move house and leave the appliance, always ensure that the book is supplied with the appliance in order that the new owner can be acquainted with the functioning of the appliance and the relevant warnings.**

**If this appliance featuring magnetic door seals is to replace an older appliance having a spring lock (latch) on the door or lid, be sure to make that spring lock unusable before you discard the old appliance. This will prevent it from becoming a death-trap for a child.**

**This must be done before the appliance is built intoThese warnings are provided in the interest of safety. You must read them carefully before installing or using the appliance.**

## General Safety

- This appliance is designed to be operated by adults. Children should not be allowed to tamper with the controls or play with the product.
- It is dangerous to alter the specifications or modify this product in any way.
- Care must be taken to ensure that the appliance does not stand on the electrical supply cable.

  **Important:** if the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person in order to avoid a hazard.
- Before any cleaning or maintenance work is carried out, be sure to switch off and unplug the appliance.
- This appliance is heavy. Care should be taken when moving it
- Ice lollies can cause frost burns if consumed straight from the appliance.
- **Take utmost care when handling your appliance so as not to cause any damages to the cooling unit with consequent possible fluid leakages.**
- **The appliance must not be located close to radiators or gas cookers.**
- **Avoid prolonged exposure of the appliance to direct sunlight.**
- **There must be adequate ventilation round the back of the appliance and any damage to the refrigerant circuit must be avoided.**
- **For freezers only (except built-in models): an ideal location is the cellar or basement.**
- **Do not use other electrical appliances (such as ice cream makers) inside of refrigerating appliances, unless they are approved for this purpose by the manufacturer.**

## Service/Repair

- Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person
- This product should be serviced by an authorized Service Centre, and only genuine spare parts should be used.
- Under no circumstances should you attempt to repair the appliance yourself. Repairs carried out by inexperienced persons may cause injury or more serious malfunctioning. Refer to your local Service Centre, and always
- This appliance contains hydrocarbons in its cooling unit; maintenance and recharging must therefore only be carried out by authorized technicians.

## Use

- The domestic refrigerators and freezers are designed to be used specifically for the storage of edible foodstuffs only.
- Best performance is obtained with ambient temperature between +18°C and +43°C (class T); +18°C and +38°C (class ST); +16°C and +32°C (class N); +10°C and +32°C (class SN). The class of your appliance is shown on its rating plate.

  Warning: when the ambient temperature is not included within the range indicated for the class of this appliance, the following instructions must be observed: when the ambient temperature drops below the minimum level, the storage temperature in the freezer compartment cannot be guaranteed; therefore it is advisable to use the food stored as soon as possible.
- Frozen food must not be re-frozen once it has been thawed out.
- Manufacturers' storage recommendations should be strictly adhered to. Refer to relevant instructions.
- The inner lining of the appliance consists of channels through which the refrigerant passes. If these should be punctured this would damage the appliance beyond repair and cause food loss. DO NOT USE SHARP INSTRUMENTS to scrape off frost or ice. Frost may be removed by using the scraper provided. Under no circumstances should solid ice be forced off the liner. Solid ice should be allowed to thaw when defrosting the appliance.

- Do not place carbonated or fizzy drinks in the freezer as it creates pressure on the container, which may cause it to explode, resulting in damage to the appliance.

## Installation

- During normal operation, the condenser and compressor at the back of the appliance heat up considerably. For safety reasons, minimum ventilation must be as shown in the relevant Figure.

  **Attention: keep ventilation openings clear of obstruction.**
- If the appliance is transported horizontally, it is possible that the oil contained in the compressor flows in the refrigerant circuit. It is advisable to wait at least two hours before connecting the appliance to allow the oil to flow back in the compressor.
- There are working parts in this product which heat up. Always ensure that there is adequate ventilation as a failure to do this will result in component failure and possible food loss. See installation instructions.
- Parts which heat up should not be exposed. Wherever possible the back of the product should be against a wall.
- If the appliance has been transported horizontally, it is possible that the oil contained in the compressor ílows in the refrigerant circuit. It is advisable to wait at least two hours before connecting the appliance to allow tl¦e oil to flow back in the compressor.

## Environment Protection

**This appliance does not contain gasses which could damage the ozone layer, in either its refrigerant circuit or insulation materials. The appliance shall not be discarded together with the urban refuse and rubbish. Avoid damaging the cooling unit, especially at the rear near the heat exchanger. Information on your local disposal sites may be obtained from municipal authorities. The materials used on this appliance marked by the symbol ♺ are recyclable.**

# CONTENTS


**Warnings** . . . . . .17
**Use** - Cleaning the interior . . . . . .18
**Use** - Control panel - Display - Operation - Temperature indication . . . . . .19
Activation of funztions - Switching Off - Use of the fridge compartment - Temperature regulation - Fresh food refrigeration - Shopping Function . . . . . .20
Use of the freezer compartment - Temperature regulation - Freezing fresh food - Storage of frozen food . . . . .21
Excessive temperature alarm - Thawing - Ice-cube production - Performance optimization function . . . . . .22
**Use** -Shelf holders - Movable shelves - Positioning the door shelves - Air circulation . . . . . .23
**Hints** - Hints for refrigeration - Hints for freezing - Hints for storage of frozen food . . . . . .24
**Maintenance** - Periods of no operation - Periodic cleaning Interior light - Defrosting . . . . . .25
**Customer service and spare parts** - **Installation** - Location - Electrical connection . . . . . .26
**Installation** - Door reversibility - Building-in instructions . . . . . .27


# USE

## Cleaning the interior

Before using the appliance for the first time, wash the interior and all internal accessories with luke-warm water and some neutral soap so as to remove the typical smell of a brand-new product, then dry thoroughly.

⚠ **Do not use detergents or abrasive powders, as these will damage the finish.**



**The Manufacturer declines all responsibility if the above safety precautions are not observed.**

CE This appliance complies with the following E.E.C. Directives:

- **87/308 EEC** of 2/6/87 relative to radio interference suppression.
- **73/23 EEC** of 19.2.73 (Low Voltage Directive) and subsequent modifications;
- **89/336 EEC** of 3.5.89 (Electromagnetic Compatibility Directive) and subsequent modifications.

## Door reversibility

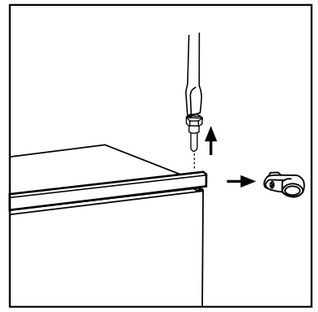
⚠ **The appliance is supplied with the right door opening. To change the opening direction of the door proceed as in the following instructions before installing it.**

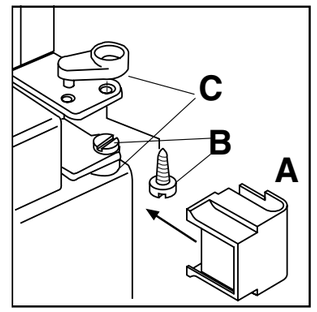
1. Unscrew the upper pin and remove the spacer
2. Remove the upper door
3. Remove the hinge cover (A).

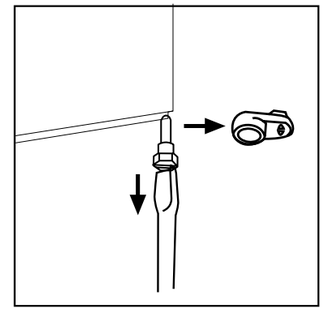
   Unscrew the pins (B) and the spacers (C) and refit them on the middle hinge of the opposite side. Snap the hinge cover (A).
4. Refit the upper door, the upper pin and the spacer on the opposite side
5. Unscrew the lower pin and remove the spacer and refit them on the opposite side

**ATTENTION!**

It must be possible to disconnect the appliance from the mains power supply; the plug must therefore be easily accessible after installation.





# Instructions for totally built-in appliances

## Building-in instructions

**Dimensions of housing**

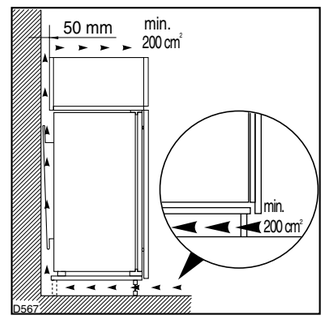
Height 1780 mm

Depth 550 mm

Width 560 mm

For safety reasons, minimum ventilation must be as shown in Fig.

**Attention: keep ventilation openings clear of obstruction.**

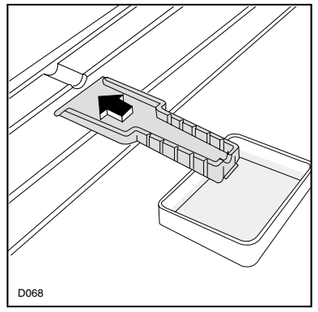


The freezer compartment, however, will become progressively covered with frost. This should be removed with the special plastic scraper provided, whenever the thickness of the frost exceeds 4 mm. During this operation it is not necessary to switch off the power supply or to remove the foodstuffs.

However, when the ice becomes very thick on the inner liner, complete defrosting should be carried out and it is advisable to carry out this operation when the appliance is empty.

To carry out complete defrosting of the freezer compartment ✱✱✱ proceed as follows:

1. pull out the plug from the wall socket or turn the thermostat knob to the «O» setting;
2. remove any stored food, wrap it in several layers of newspaper and put it in a cool place;
3. leave the door open, insert the plastic scraper in the appropriate seating at the bottom centre, placing a basin underneath to collect the defrost water;
4. when defrosting is completed, dry the interior thoroughly and refit the plug; keep the scraper for future use;
5. turn the thermostat knob back to the required setting or replace the plug in the power socket. After letting the appliance run for at least half an hour, replace the previously removed food into the compartment.




⚠ **Important:**

**Never use sharp metal tools to scrape off frost from the evaporator as you could damage it.**

**Do not use a maechanical device or any artificial means to speed up the thawing process other than those recommended by the manufacturer.**

**A temperature rise of the frozen food packs, during defrosting, may shorten their safe storage life.**

# CUSTOMER SERVICE AND SPARE PARTS

If the appliance is not functioning properly, check that:

- the plug is firmly in the wall socket and the mains power switch is on;
- there is an electricity supply (find out by plugging in another appliance);
- the thermostat knob is in the correct position.
- If there are water drops on the bottom of the cabinet, check that the defrost water drain opening is not obstructed (see “Defrosting” section).
- If your appliance is still not working properly after making the above checks, contact the nearest service centre.

To obtain fast service, it is essential that when you apply for it you specify the model and serial number of your appliance which can be found on the guarantee certificate or on the rating plate located inside the appliance, on the bottom left-hand side.

# INSTALLATION

## Location

The appliance should be installed well away from sources of heat such as radiators, boilers, direct sunlight etc.

## Electrical connection

Before plugging in, ensure that the voltage and frequency shown on the serial number plate correspond to your domestic power supply. Voltage can vary by ±6% of the rated voltage.

For operation with different voltages, a suitably sized auto-transformer must be used.

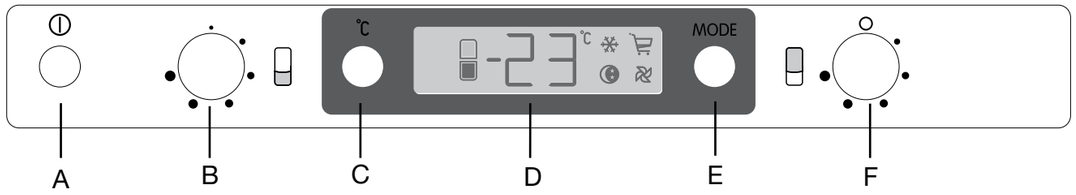
**The appliance must be earthed.**

The power supply cable plug is provided with a contact for this purpose.

If the domestic power supply socket is not earthed, connect the appliance to a separate earth in compliance with current regulations, consulting a specialist technician.

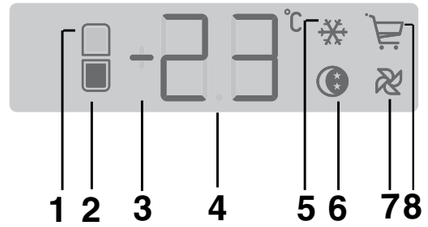


## Control panel




A - Applinace button ON/OFF
B - Freezer Thermostat control knob
C - Temperature indication button
D - Temperature and function indicator
E - Function button/ reset alarm
F - Fridge Thermostat knob

## DISPLAY




1. If on, the indicated temperature is that of the fridge compartment;
   if it flashes, the alarm corresponds to the relative compartment.
2. If on, the indicated temperature is that of the freezer compartment;
   if it flashes, the alarm corresponds to the relative compartment.
3. positiv and negativ Temperture indicator
4. Temperature indicator
5. If on the Performance optimization function is on fast freeze funcion is on
6. If on the Performance optimization function is on
7. If on the minidac is on
8. If on the shopping function is on

## Operation

After plugging the plug into the power outlet, if the display is not illuminated, press key (A), appliance on.

As soon as the appliance is turned on, the following signals will appear on the control panel:

- symbol (3) will be positive, indicating that the temperature is positive.
- the temperature flashes, the background of the display is red and you will hear a buzzer. Press key (E) and the buzzer will go off (also see the section on "excessive temperature alarm").

  By turning the knob the display flashes and shows the desired temperature. For a correct storage of the food the following temperatures should be set:

+5°C in the fridge
-18°C in the freezer

**Important**

If the door remains ajar for more than 7 minutes, the internal lighting will turn off electronically; after this, the lighting function will be reset by opening and closing the door itself.

## Temperature indication

In normal conditions, the display indicates the freezer temperature (symbol 2).

Each time key C is pressed, the display indicates in sequence:

1. symbol 1 turns on and indicator 4 shows the temperature of the fridge compartment;

2.symbol 2 turns on and indicator 4 shows the temperature of the freezer compartment.

In any case, after 10 seconds normal display conditions are restored.

## Activation of functions

Each time key E is pressed, the following functions are activated in a clockwise direction:

Symbol 5 : fast freeze function

Symbol 6 : Performance Optimization function

Symbol 7 : minidac function

Symbol 8 : shopping function

Symbol 7 : minidac function

No Symbol: Normal operation

Not more than one function can be activated at a time; to de-activate the functions, press the key several times until no icon appears

## Switching off

The appliance is shut off by pressing key (A) for more than 1 second. After this, a countdown of the temperature from -3 -2 -1 will be shown.

When the appliance is shut off, display (D) also goes off.

# Use of the fridge compartment

## Temperature regulation

The temperature of this compartment may be regulated by rotating the knob (F), and may vary between more or less +2°C and +8°C.

When the knob is rotated, the display flashes and indicates the set temperature. After having set the desired temperature, if the knob is not rotated within 5 seconds, the temperature of the freezer compartment will be indicated.

The temperature is automatically regulated and can be increased to achieve a higher temperature (warmer) by rotating the thermostat knob toward • settings or reduced (colder) rotating the knob towards ● settings.

However, the exact setting should be chosen keeping in mind that the temperature inside the refrigerator depends on:

- room temperature;
- how often the door is opened;
- the quantity of food stored;
- location of appliance.

To shut off the refrigerator compartment, rotate the knob (F) anticlockwise till position "O". In this position the word "OF" is indicated for 5 seconds. The freezer compartment will keep on working.

We suggest placing the knob in the middle position to obtain an internal temperature of approximately +5° C.

Once the refrigerator compartment is shut off, the only temperature which is indicated is that of the freezer compartment. In this condition, the functions minidac and shopping cannot be activated, and the lighting in the refrigerator compartment will be switched off.

**Important**

**If the ambient temperature is high or the appliance is fully loaded, and the appliance is set to the lowest temperatures, it may run continuously causing frost to form on the rear wall. In this case the dial must be set to a higher temperature to allow automatic defrosting and therefore reduced energy consumption.**

## Fresh food refrigeration

To obtain the best performance:

- do not store warm food or evaporating liquids in the refrigerator;
- cover or wrap the food, particularly if it has a strong flavour.
- Position food so that air can circulate freely around it.

## Shopping Function

If you need to insert a large amount of warm food, for example after doing the grocery shopping, we suggest activating the Shopping function to chill the products more rapidly and to avoid warming the other food which is already in the refrigerator.

The shopping function is activated by pressing key E (several times if necessary) until the corresponding icon appears

The shopping function shuts off automatically after approximately 6 hours.

During the shopping function also the fan inside the refrigerator compartment is automatically activated.

Note: the fan inside the refrigerator compartment is automatically activated also when the room temperature is high (over 38°C), even though the shopping function is not activated.

It is possible to de-activate the function at any time by pressing key E (see paragraph "Function Activation").



# MAINTENANCE

**Unplug the appliance before carrying out any maintenance operation.**

**Warning**

This appliance contains hydrocarbons in its cooling unit; maintenance and recharging must therefore only be carried out by authorized technicians.

## Periodic cleaning

Clean the inside with warm water and bicarbonate of soda. Rinse and dry thoroughly.

Clean the condenser (black grill) and the compressor at the back of the appliance with a brush or a vacuum cleaner. This operstion will improve the performance of the appliance and save electricity consumption.

## Interior light

If it becomes necessary to replace the lamp, press on the rear hook and at the same time slide the cover in the direction indicated by the arrow.

**Replace the lamp with one of the same power (the maximum power is shown on the light diffuser).**

## Defrosting

Frost is automatically eliminated from the evaporator of the refrigerator compartment every time the motor compressor stops, during normal use. The defrost water drains out through a trough into a special container at the back of the appliance, over the motor compressor, where it evaporates.

**It is important to periodically clean the defrost water drain hole in the middle of the refrigerator compartment channel to prevent the water overflowing and dripping onto the food inside. Use the special cleaner provided, which you will find already inserted into the drain hole.**

## Periods of non-operation

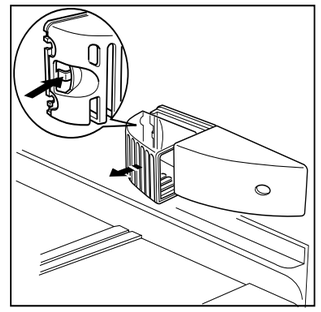
When the appliance is not in use for long periods, take the following precautions:

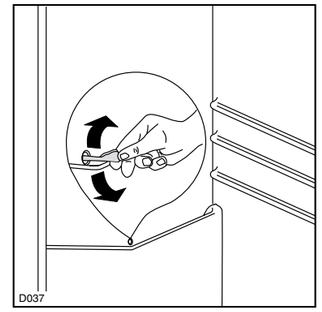
remove the plug from the wall socket;

remove all food;

defrost and clean the interior and all accessories;

leave the door ajar to allow air to circulate to prevent unpleasant smells.





# HINTS

## Hints for refrigeration

Useful hints:

**Meat (all types):** wrap in polythene bags and place on the glass shelf above the vegetable drawer.

**For safety, store in this way only one or two days at the most.**

**Cooked foods, cold dishes, etc..:** these should be covered and may be placed on any shelf.

**Fruit and vegetables:** these should be thoroughly cleaned and placed in the special drawer(s) provided.

**Butter and cheese:** these should be placed in special airtight containers or wrapped in aluminium foil or polythene bags to exclude as much air as possible.

**Milk bottles:** these should have a cap and should be stored in the bottle rack on the door.

**Bananas, potatoes, onions and garlic, if not packed, must not be kept in the refrigerator.**

## Hints for freezing

To help you make the most of the freezing process, here are some important hints:

- the maximum quantity of food which can be frozen in 24 hrs. is shown on the rating plate;
- the freezing process takes 24 hours. No further food to be frozen should be added during this period;
- only freeze top quality, fresh and thoroughly cleaned, foodstuffs;
- prepare food in small portions to enable it to be rapidly and completely frozen and to make it possible subsequently to thaw only the quantity required;
- wrap up the food in aluminium foil or polythene and make sure that the packages are airtight;
- do not allow fresh, unfrozen food to touch food which is already frozen, thus avoiding a rise in temperature of the latter;
- lean foods store better and longer than fatty ones; salt reduces the storage life of food;
- water ices, if consumed immediately after removal from the freezer compartment, can possibly cause the skin to be freeze burnt;
- it is advisable to show the freezing-in date on each individual pack to enable you to keep tab of the storage time;
- on the inner door or special card (if supplied) you will find sketches of various animals and food types together with the recommended storage time (in months) from the time of freezing;
- **do not put carbonated liquids (fizzy drinks, etc.) in the freezer compartment as they may burst.**

## Hints for storage of frozen food

To obtain the best performance from this appliance, you should:

- make sure that the commercially frozen foodstuffs were adequately stored by the retailer;
- be sure that frozen foodstuffs are transferred from the foodstore to the freezer in the shortest possible time;
- not open the door frequently or leave it open longer than absolutely necessary.
- Once defrosted, food deteriorates rapidly and cannot be refrozen.
- Do not exceed the storage period indicated by the food manufacturer.



# Use of the freezer compartment

The freezer is provided with the symbol ✻✻✻ which means that it is suitable for freezing fresh food and for long term storage of frozen and deep-frozen food.

## Temperature regulation

The temperature of this compartment may be regulated by rotating the knob (B), and may vary between more or less -15°C and -24°C.

When the knob is rotated, the display flashes and indicates the set temperature. After having set the desired temperature, if the knob is not rotated within 5 seconds, the temperature of the freezer compartment will be indicated.

The temperature is automatically regulated and can be increased to achieve a higher temperature (warmer) by rotating the thermostat knob toward • settings or reduced (colder) rotating the knob towards ● settings.

However, the exact setting should be chosen keeping in mind that the temperature inside the freezer depends on:

- room temperature;
- how often the door is opened;
- the quantity of food stored;
- location of appliance.

We suggest setting the knob to the middle position to obtain an internal temperature of approximately -18°C, which guarantees proper freezing and conservation of the frozen foods.

## Freezing fresh food

The freezer compartment is suitable for long term storage of commercially frozen and deep-frezen food, and for freezing fresh food.

The maximum quantity of foods to freeze in 24 hours is shown on the serial number plate.

To freeze the amount of food indicated on the serial number plate, place the food directly in touch with the cooling surface (remove the drawer or basket).

In case the food is frozen inside the drawers or baskets, the maximum quantity is slightly reduced.

Place the food to be frozen in the upper part of the freezer, as this is the coldest point.

To freeze fresh foods, you will need to activate the rapid freezing function. Press key E (several times if necessary) until the corresponding icon appears ❄

After a pre-cooling period of 24 hours, place the foods in the freezer.

The freezing process takes 24 hours. During this period do not put other foods in the freezer.

This function stops automatically after 54 hours.

The function can be de-activated at any time by pressing key E (see paragraph "Activation of Functions").

## Ice packs

There are two ice packs in one drawer of the freezer.

In the event of a power failure or malfunction, the ice pack will lengthen the amount of time it takes for the frozen food to become too warm by several hours. The ice pack can only fulfil this task optimally if it is placed in the uppermost drawer, at the front, above the frozen food. You can use the ice pack for cooling cold bags.

## Storage of frozen food

When first starting-up or after a period out of use, before putting the products in the compartment let the appliance run at least 12 hours on the fast freeze setting. To obtain the best performance from this appliance, you should:

if large quantities of food are to be stored, remove all drawers and baskets from appliance and place food on cooling shelves.

Pay careful attention not to exceed load limit stated on the side of the upper section (where applicable).

▼

⚠ **Important**

**In the event of accidental defrosting, for example due to a power failure, if the power has been off for longer that the value shown in the technical characteristics chart under “rising time”, the defrosted food must be consumed quickly or cooked immediately and then refrozen (after cooling).**

## Excessive temperature alarm

An increase in the temperature in the freezer compartment (for example due to an power failure) is indicated by:

- flashing temperature;
- freezer compartment flashing (symbol 2);
- red illumination of display;
- sounding of buzzer.

When normal conditions are restored:

- the acoustic signal shuts off;
- the temperature value continues to flash;
- the display illumination remains red.

When you press key "E" to de-activate the alarm, the highest temperature reached in the compartment appears on indicator 4 for approximately 5 seconds. At this point the flashing stops and the display illumination changes over from red to white.

During the alarm phase, the buzzer can be switched off by pressing key E; the illumination of the display remains red until normal storage conditions are restored.

## Thawing

Deep-frozen or frozen food, prior to being used, can be thawed in the refrigerator compartment or at room temperature, depending on the time available for this operation.

Small pieces may even be cooked still frozen, directly from the freezer: in this case, cooking will take longer.

## Ice-cube production

This appliance is equipped with one or more trays for the production of ice-cubes. Fill these trays with water, then put them in the freezer compartment.

**Do not use metallic instruments to remove the trays from the freezer.**

## Performance optimization function

The performance optimization function is activated by pressing key E (several times if necessary) until the corresponding icon appears

and some moving horizontal lines appear on the display.

In this condition the chosen temperatures are automatically set, in the best conditions for storing food and therefore any possible operation through the keys does not cause any change as long as this function is activated.

It is possible to de-activate the function at any time by pressing key E (see paragraph "Function Activation").

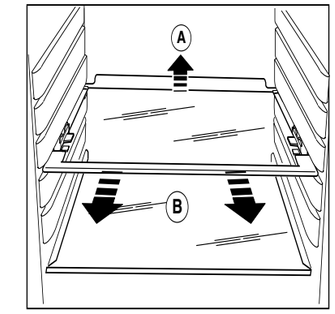


## Shelf holders

Yourappliance is equipped with shelf retainers that make it possible to secure the shelves during transportation.

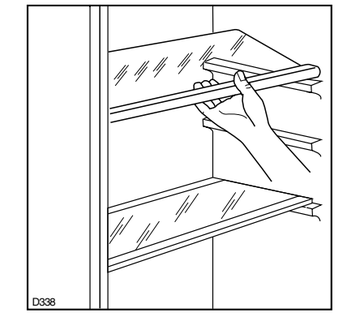
To remove them proceed as follows:

Raise the shelf from the back, push it in the direction of the arrow until it is freed and remove the retainers.




## Movable shelves

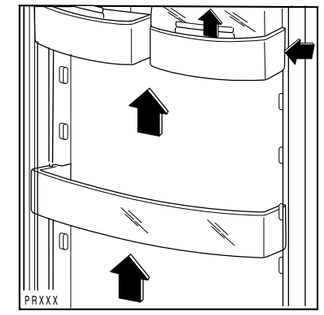
The walls of the refrigerator are equipped with a series of runners so that the shelves can be positioned as desired.




## Positioning the door shelves

To permit storage of food packages of various sizes, the door shelves can be placed at different heights.

To make these adjustments proceed as follows: Gradually pull the shelf in the direction of the arrows until it comes free, then reposition as required.




## Air circulation

The refrigerator compartment is provided with a special fan D.A.C. (Dynamic Air Cooling) which is activated by pressing key E (several times if necessary) until the corresponding icon appears ; if the green warning light is on (fig.1), this means that the fan is working.

We suggest using the fan (D.A.C.) when the room temperature is higher than 28°C.

This device enables the food to cool quickly and helps to keep a regular temperature inside the refrigerator compartment.

The special fan D.A.C. (Dynamic Air Cooling) is automatically activated when the room temperature is higher than 38°C or when the Shopping function is activated.

It is possible to de-activate the function at any time by pressing key E (see paragraph "Function Activation").

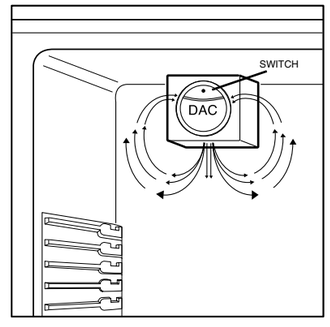



Fig. 1